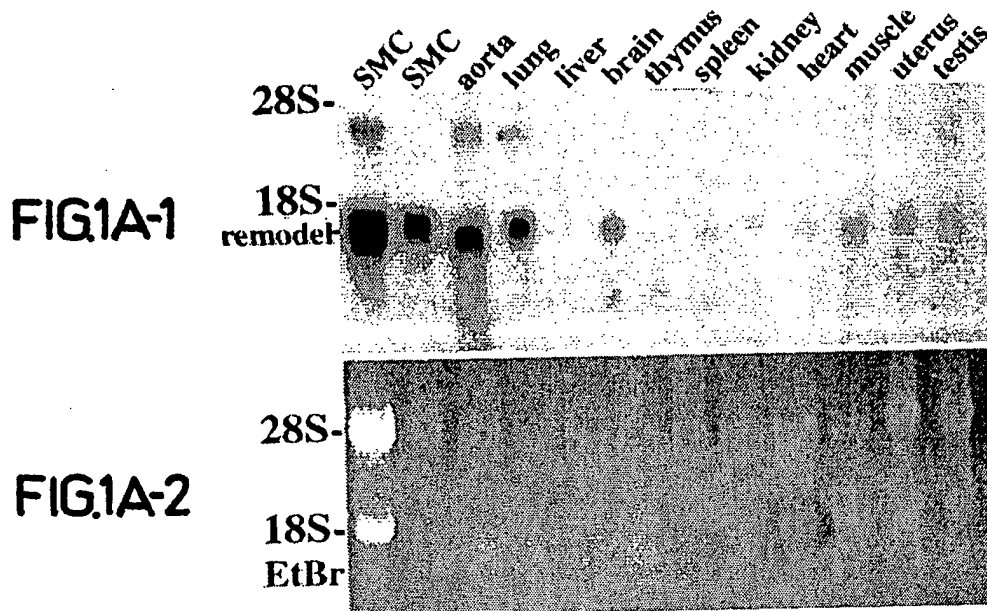
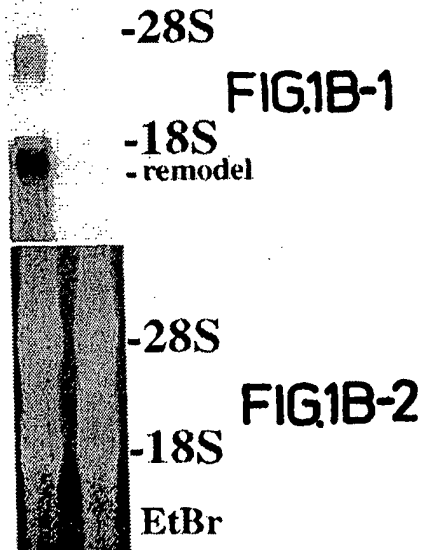


A

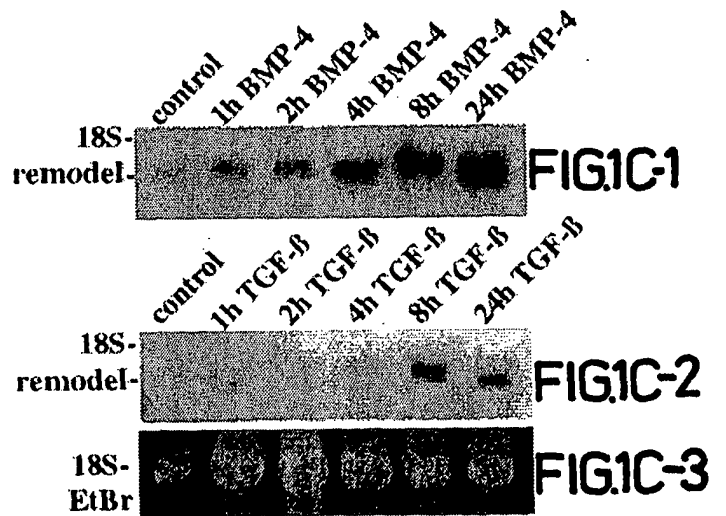


B

8 day
bal. carotid
nor. carotid



C



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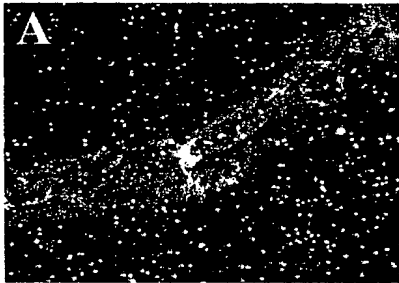


FIG.2A

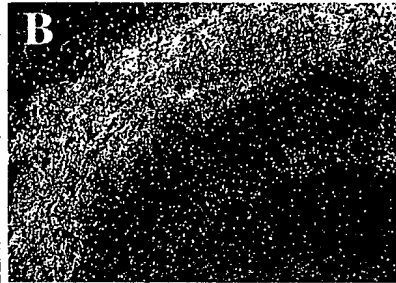


FIG.2B

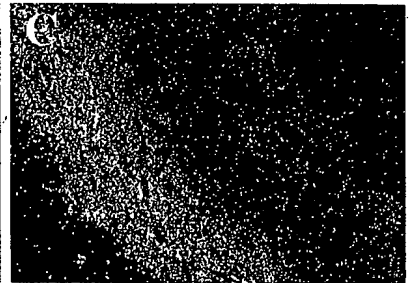


FIG.2C

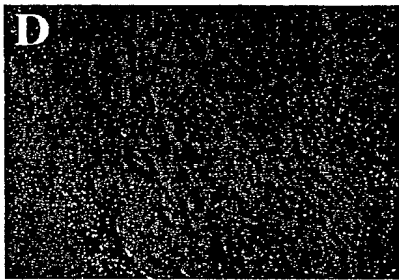


FIG.2D

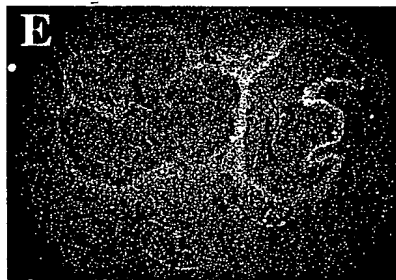


FIG.2E

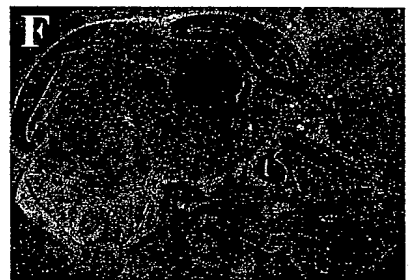


FIG.2F



FIG.2G



FIG.2H

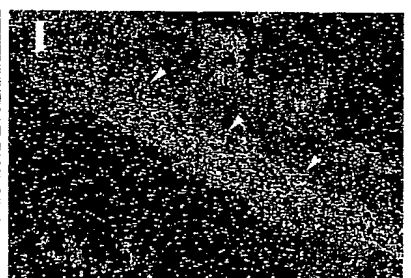


FIG.2I

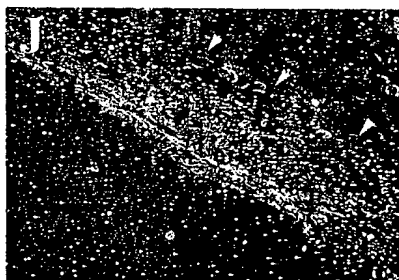


FIG.2J

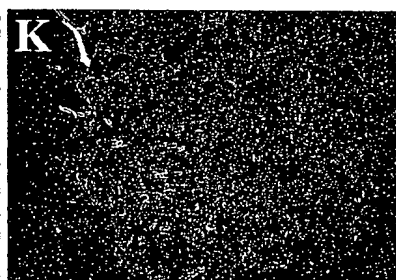


FIG.2K



FIG.2L

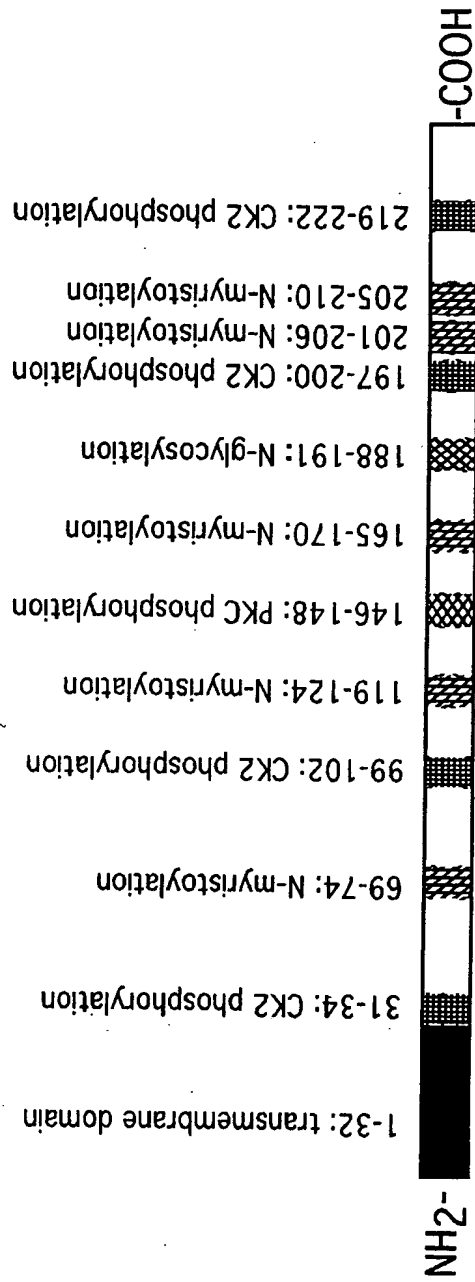


FIG3

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	30	40	50	60	70
Rat	<u>ATG</u> CGGCCGCGCCGAGAGCTGGGC-----CAGACGCTGAGCAGGGCCGGGCTCTGCCGAC				
Human	ACGAGGGCGGCCTCGGAGCGCGGCGGAGCCAGACGCTGACCACGTTTCCT-CTCCTCGGTC				
	10	20	30	40	50
	80	90	100	110	120
Rat	CCCTTTGCCTCCTGCTCTGCGCTTCGCAGCTACCGCACACG <u>ATG</u> CACCCCCAAGGCCGCG				
Human	TCCTCCGCCTCCAGCTCCGCGCTGCCCGGAGCCGGGAGCC <u>ATG</u> CGACCCCAGGGCCCCG				
	70	80	90	100	110
	140	150	160	170	180
Rat	CCGCCTCCCCACAGCTGCTGCTCGGCCTCTTCCTTGTGCTACTGCTGCTTCTGCAGCTGT				
Human	CCGCCTCCCCGAGCGGCTCCGCGGCCTCCT-----GCTGCTCCTGCTGCTGCAGCTGC				
	130	140	150	160	170
	200	210	220	230	240
Rat	CCGCGCCGTCCAGCGCCTCTGAGAATCCCAAGGTGAAGCAAAAAGCGCTGATCCGGCAGA				
Human	CCGCGCCGTCCGAGCGCCTCTGAGATCCCAAGGGGAAGCAAAAAGGCGCAGCTCCGGCAGA				
	180	190	200	210	220
	260	270	280	290	300
Rat	GGGAAGTGGTAGACCTGTATAATGGGATGTGCCTACAAGGACCAGCAGGAGTTCCTGGTC				
Human	GGGAGGTGGTGGACCTGTATAATGGAATGTGCTTACAAGGGCCAGCAGGAGTGCCTGGTC				
	240	250	260	270	280
	320	330	340	350	360
Rat	GCGATGGGAGCCCTGGGGCCAATGGCATTCCCTGGCACACCGGGAATCCCAGGTCGGGATG				
Human	GAGACGGGAGCCCTGGGGCCAATGGCATTCCGGGTACACCTGGGATCCCAGGTCGGGATG				
	300	310	320	330	340
	380	390	400	410	420
Rat	GATTCAAAGGAGAGAAAAGGGGAGTGCTTAAGGGAAAGCTTTGAGGAATCCTGGACCCCAA				
Human	GATTCAAAGGAGAAAAGGGGGAATGTCTGAGGGAAAGCTTTGAGGAGTCCTGGACACCCA				
	360	370	380	390	400
	440	450	460	470	480
Rat	ACTACAAGCAGTGTTTCATGGAGTTCACCTTAATTATGGCATAGATCTTGGGAAAATTGCGG				
Human	ACTACAAGCAGTGTTTCATGGAGTTCATTGAATTATGGCATAGATCTTGGGAAAATTGCGG				
420	430	440	450	460	470
	500	510	520	530	540
Rat	AATGTACATTACAAAGATGCGATCCAACAGCGCTCTTCGAGTTCTGTTTCAGTGGCTCGC				
Human	AGTGTACATTTACAAAGATGCGTTCAAATAGTGCTCTAAGAGTTTGTTCAGTGGCTCAC				
	480	490	500	510	520
	560	570	580	590	600
Rat	TTCGGCTCAAATGCAGGAATGCTTGCTGTCAACGCTGGTATTTTACCTTTAATGGAGCTG				
Human	TTCGGCTAAAATGCAGAAATGCATGCTGTGAGCGTTGGTATTTTACATTCAATGGAGCTG				
	540	550	560	570	580
	620	630	640	650	660
Rat	AATGTTTCAGGACCTCTTCCCATTGAAGCTATCATCTATCTGGACCAAGGAAGCCCTGAGT				
Human	AATGTTTCAGGACCTCTTCCCATTGAAGCTATAATTTATTTGGACCAAGGAAGCCCTGAAA				
	600	610	620	630	640
	680	690	700	710	720
Rat	TAAATTCAACTATTAATATTCATCGTACTTCCCTCCGTGGAAGGACTCTGTGAAGGGATTG				
Human	TGAATTCAACAATTAATATTCATCGCACTTCTTCTGTGGAAGGACTTTGTGAAGGAATTG				
	660	670	680	690	700
	740	750	760	770	780
Rat	GTGCTGGACTGGTAGACGTGGCCATCTGGGTCGGCACCTGTTTCAGATTACCCCAAAGGAG				

FIG4A

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Human GTGCTGGATTAGTGGATGTTGCTATCTGGGTTGGCACTTGTTTCAGATTACCCAAAAGGAG
 720 730 740 750 760 770
 800 810 820 830 840 850
 Rat ACGCTTCTACTGGGTGGAATTCTGTGTCCCGCATCATCATTGAAGAACTACCAAAATAAA
 Human ATGCTTCTACTGGATGGAATTCAGTTTCTCGCATCATTATTGAAGAACTACCAAAATAAA
 780 790 800 810 820 830
 860 870 880 890 900 910
 Rat GCCCCTGAAGGTTTCATTCCCTGCCTCATTTACTTGTTAAATCAAGCCTCTGGATGGGTC
 Human TGCTTTAAT--TTTCATTGCTACCTCTTTTTTT-----ATTATGCCTTGGAATGGTTC
 840 850 860 870 880
 920 930 940 950 960 970
 Rat ATTTAAATGACATTTTCAGAAAGTCACTTATGTGCTCAGCCAAATGAAAAAGCAAAGTTAAA
 Human ACTTAAATGACATTTTA-AATAAGTTTATGTATACATCTGAATGAAAA-GCAAAGCTAAA
 890 900 910 920 930 940
 980 990 1000 1010 1020 1030
 Rat TACGTTTACAGACCAAAGTGTGATCTCACACT---TTAAGATCTAGCATTATCCATTTTA
 Human TATGTTTACAGACCAAAGTGTGATTTTCACACTGTTTTTAAATCTAGCATTATTCATTTTG
 950 960 970 980 990 1000
 1040 1050 1060 1070 1080
 Rat TTTCAACCAAAGATGGTTTCAGGATTTTATTTCTCATT--GATTACTTTTTG-----
 Human CTTCAATCAAAGTGGTTTCAATATTTTTTTAGTTGGTTAGAATACTTTCTTCATAGTCA
 1010 1020 1030 1040 1050 1060
 1090 1100 1110 1120 1130
 Rat -----AGCCTATATACCGGAATGCTGTTATAGTCTTTAATATTTCCCTACT-GTTGA
 Human CATTCTCTCAACCTATAAATTGGAATATTGTTGTGGTCTTTTGTTTTTCTCTTAGTATA
 1070 1080 1090 1100 1110 1120
 1140 1150 1160 1170
 1180
 Rat -CATTTTGAACA--TATAAAAGTTATG--TCTTTGTAAGAGCTGTATA-----GAATT
 Human GCATTTTTTAAAAAATATAAAAGCTACCAATCTTTGTACAATTTGTAAATGTTAAGAATT
 1130 1140 1150 1160 1170 1180
 1190 1200 1210 1220
 Rat ATTTT---ATATGTTAAATAAA---TGCTTCAAACAA
 Human TTTTTTATATCTGTAAATAAAATTATTTCCAACAA
 1190 1200 1210 1220

FIG4A-1

MRPAAELGQTLSRAGLCRPLCLLLCASQLPHTMHPQGRAASPQLLLGLFLVLLLLLQQL
SAPSSASENPKVKQKALIRQREVVDLYNGMCLQGPAGVPCRDCSPGANGIPGTPGIPG
RDGFKGEKGECLRESFEESWTPNYKQCSWSSLYGIDLKIAECTFTKMRSNSALRVL
FSGSLRLKCRNACCQRWYFTFNGAECSGPLPIEAIYLDQGSPELNSTINIHRTSSVE
GLCEGIGAGLVDVAIWVGTCSDYPKGDASTGWNSVSRIIIEELPK

FIG4C

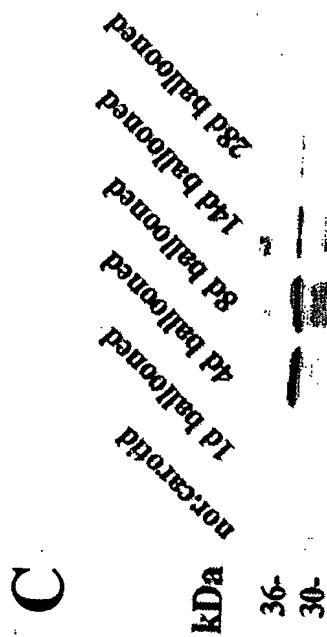
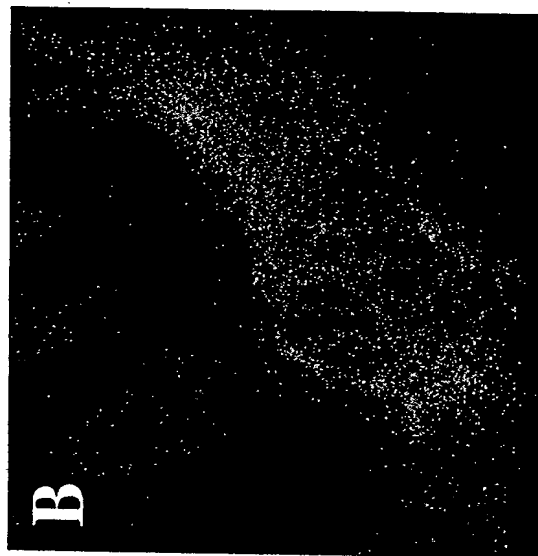
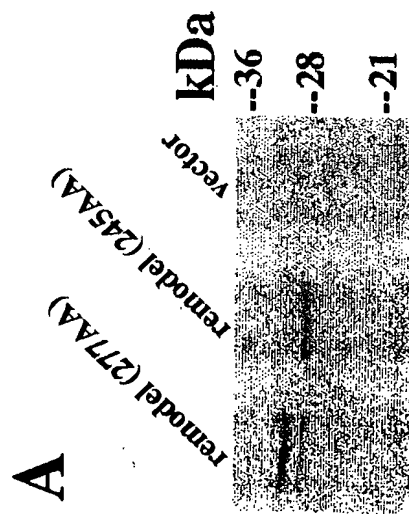


FIG5A

FIG5B

FIG5C

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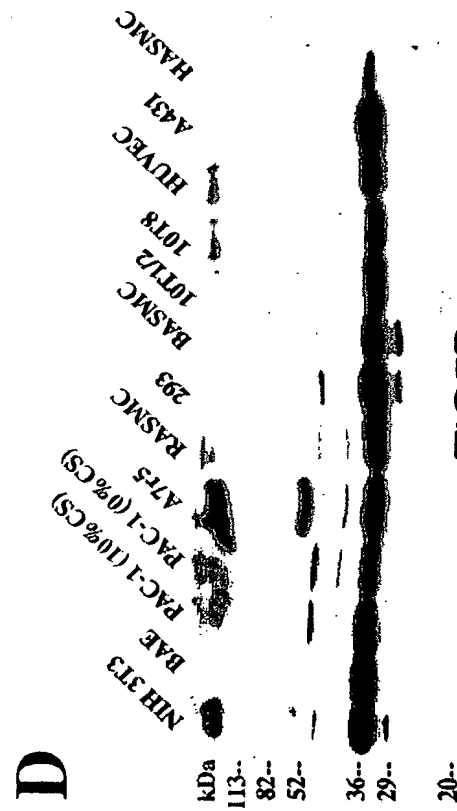


FIG5D

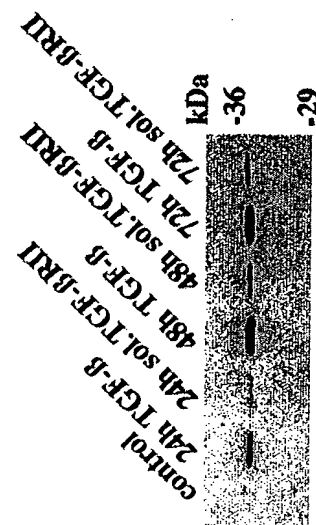


FIG5E

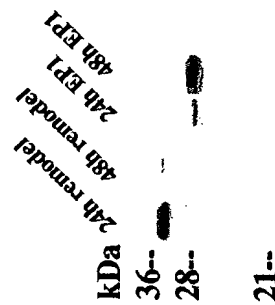


FIG5F

FIG.6A

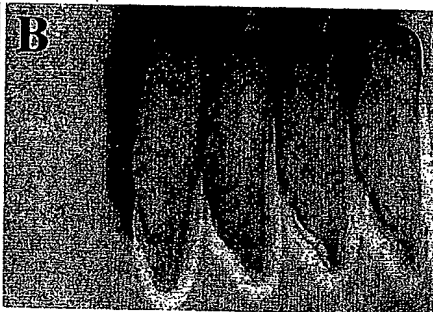
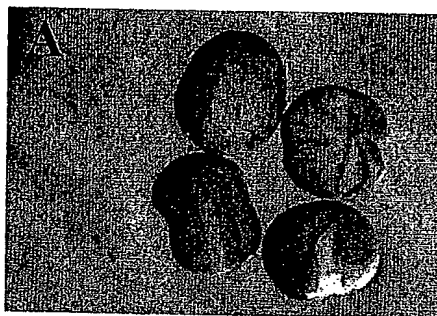


FIG.6B

FIG.6C

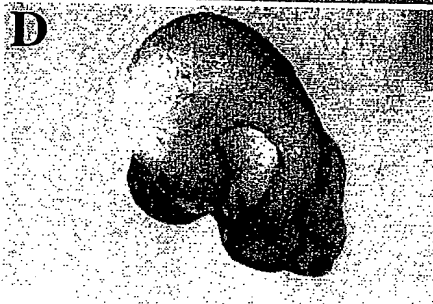
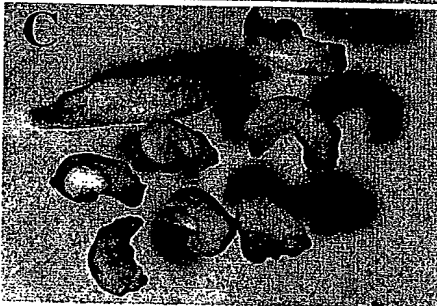
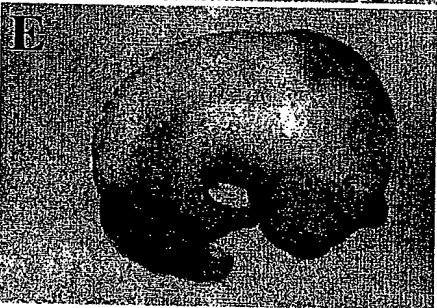


FIG.6D

FIG.6E



ATG GCCCCCAAGG CCGGCCCGCC TCCCACAGC TGCTGCTCGG CCTCTTCCTT GTGCTACTGC
TGCTTCTGCA GCTGTCCGCG CCGTCCAGCG CCTCTGAGAA TCCCAAGGTG AAGCAAAAAG
CGCTGATCCG GCAGAGGGAA GTGGTAGACC TGTATAATGG GATGTGCCCTA CAAGGACCAG
CAGGAGTTCC TGGTCGCGAT GGGAGCCCTG GGGCCAATGG CATTCCCTGGC ACACCGGGAA
TCCCAGGTCG GGATGGATTG AAAGGAGAGA AAGGGAGTG CTTAAGGGAA AGCTTTGAGG
AATCCTGGAC CCCAACTAC AAGCAGTGTT CATGGAGTTC ACTTAATTAT GGCTATAGATC
TTGGGAAAT TCGGGAATGT ACATTCACAA AGATGCGATC CAACAGCGCT CTTGAGATTG
TGTTCAAGTGG CTCGCTTCGG CTCAAATGCA GGAATGCTTG CTGTCAACGC TGGTATTTTA
CCTTTAATGG AGCTGAATGT TCAGGACCTC TTCCCATTGA AGCTATCATC TATCTGGACC
AAGGAAGCCC TGAGTTAAAT TCAACTATTA ATATTATCG TACTTCCTCC GTGGAAGGAC
TCTGTGAAGG GATTGGTGCT GGAATGGTAG ACGTGGCCAT CTGGGTCGGC ACCTGTTTCAG
ATTACCCCAA AGGAGACGCT TCTACTGGGT GGAATTCTGT GTCCCCGCATC ATCATTGAAG
AACTACCAA A

FIG7

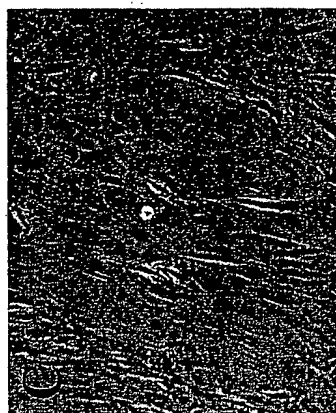


FIG8C

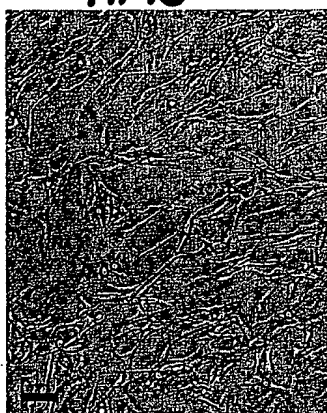


FIG8F



FIG8I

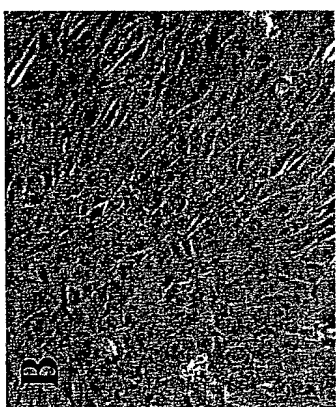


FIG8D

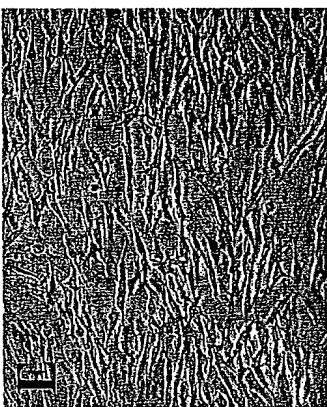


FIG8E



FIG8H



FIG8A

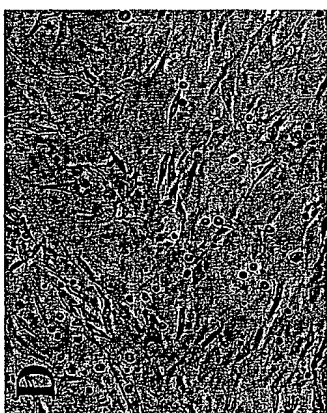


FIG8D

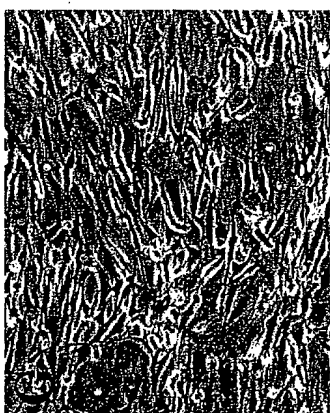


FIG8G

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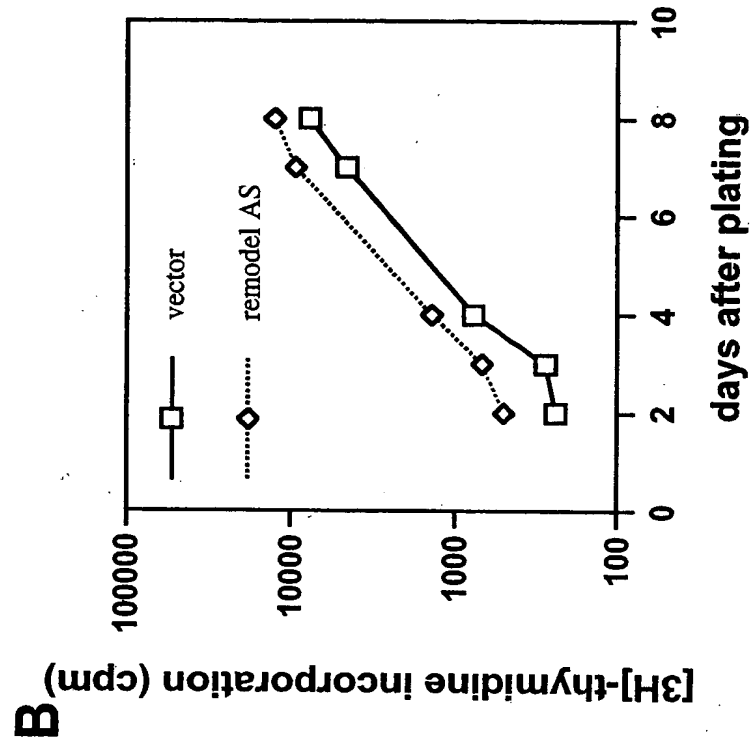


FIG9B

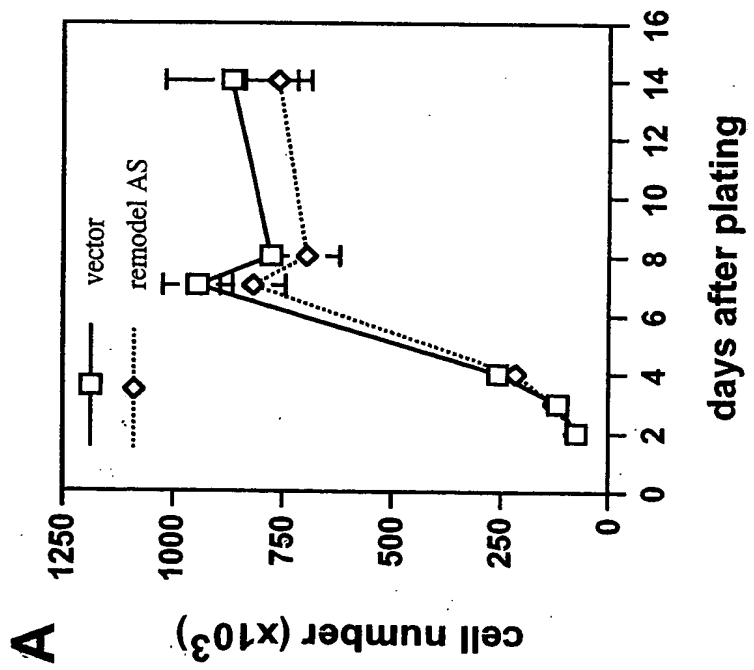


FIG9A

A

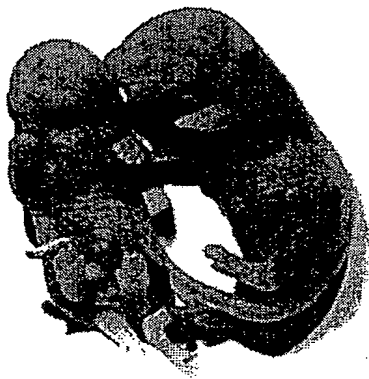


FIG10A

B

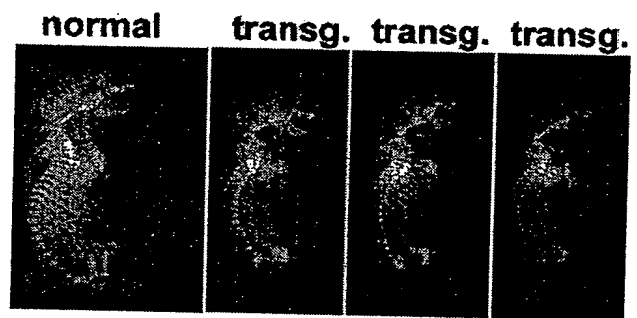


FIG10B

C

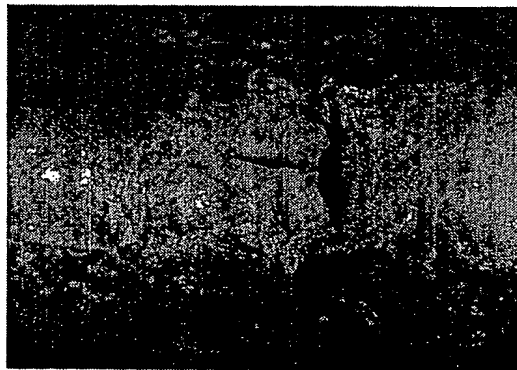


FIG10C

FIG.11A

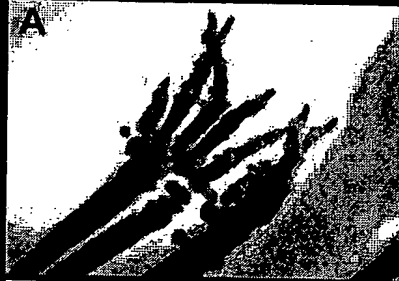


FIG.11B



FIG.11C



FIG.11D



FIG.11E



FIG.11F



FIG.11G



FIG.11H

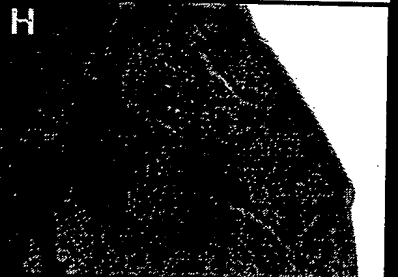


FIG.11I



FIG.11J



CCACCCAGUAGAAGCGUCUCUUGGGGUAUCUGAACAGGUGCCGACCCAGAUGGCC
 ACGUCUACAGUCCAGCACCAUCCUUCACAGAGUCCUCCACGGAGGAAGUACGAU
 GAAUUAUAAGUUGAAUUUAACUCAGGCUUCCUUGGUCCAGAUAGAUAAGCUUC
 AAUGGGAAGAGGUCCUGAACAUUCAGCUCUUAAGGUAAAUAACAGCGUUGACAG
 CAAGCAUCCUGCAUUUGAGCCGAAGCGAGCCACUGAACAGAACUCGAAAGAGCGCUGU
 UGGAUCCGCAUCUUUGAAUGUAUAUCCGCAAUUUUCCCAAGAUUAUGCCAUAAUU
 AAGUGAACUCCCAUGAACACUGCUUGUAGUUUGGGGUCCAGGAUUCUCAAGCUU

FIG. 12